

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-7. (Canceled)

8. (Currently Amended) ~~The~~ A method for operating a drive system as defined in Claim 7, wherein: for a fuel cell, comprising:

generating reformat gas containing hydrogen by reforming a fuel gas with a reformer;

supplying the reformat gas to the fuel cell;

supplying a mixture of the fuel gas and air to the reformer from a gas supply device provided upstream of the reformer when the system is in a normal running state;

generating a high temperature gas containing a fuel component for a reforming reaction with the gas supply device; and

supplying the high temperature gas containing the fuel component for the reforming reaction to the reformer continuously until warm-up of the system completes when the system starts up,

wherein the drive system is configured to operate in accordance with the method and comprises:

a first fuel supply mechanism which supplies fuel to the gas supply device;

a second fuel supply mechanism which supplies fuel at downstream of the first fuel supply mechanism; and

a first air supply mechanism which supplies air at downstream of the first fuel supply mechanism,

wherein the gas supply device generates the high temperature gas containing the fuel component for the reforming reaction by mixing the high temperature gas generated by burning the fuel supplied from the first fuel supply mechanism with fuel supplied from the second fuel supply mechanism and air supplied from the first air supply mechanism,

the first air supply mechanism supplies air at downstream of the second fuel supply mechanism, and

the second fuel supply mechanism injects fuel opposite the flow of the high temperature gas generated by burning the fuel supplied from the first fuel supply mechanism,

9.-10. (Canceled)

11. (Currently Amended) The drive system as defined in Claim 78, wherein:
the second fuel supply mechanism is provided on the downstream end face of the mixing part to supply fuel against the flow of the high temperature gas.

12. (Currently Amended) ~~The~~ A method for operating a drive system as defined in Claim 3, wherein: for a fuel cell, comprising:

generating reformat gas containing hydrogen by reforming a fuel gas with a reformer;

supplying the reformat gas to the fuel cell;

supplying a mixture of the fuel gas and air to the reformer from a gas supply device provided upstream of the reformer when the system is in a normal running state;

generating a high temperature gas containing a fuel component for a reforming reaction with the gas supply device; and

supplying the high temperature gas containing the fuel component for the reforming reaction to the reformer continuously until warm-up of the system completes when the system starts up,

wherein the drive system is configured to operate in accordance with the method and comprises:

a first fuel supply mechanism which supplies fuel to the gas supply device;

a second fuel supply mechanism which supplies fuel at downstream of the first fuel supply mechanism; and

a first air supply mechanism which supplies air at downstream of the first fuel supply mechanism,

wherein the gas supply device generates the high temperature gas containing the fuel component for the reforming reaction by mixing the high temperature gas generated by

burning the fuel supplied from the first fuel supply mechanism with fuel supplied from the second fuel supply mechanism and air supplied from the first air supply mechanism,

the first air supply mechanism supplies air at downstream of the second fuel supply mechanism, and

a vaporizing plate, which catches and vaporizes fuel supplied from the second fuel supply mechanism, is provided upstream of the second fuel supply mechanism.

13. (Previously Presented) The drive system as defined in Claim 12, wherein:
the vaporizing plate has a plurality of holes.

14. (Previously Presented) The drive system as defined in Claim 12, wherein:
the vaporizing plate comprises plural annular plates which are coaxially disposed.

15. (Previously Presented) The drive system as defined in Claim 14, wherein:
the diameter of the cross-section of one annular plate increases further downstream,
and the downstream diameter of the one annular plate is larger than the upstream diameter of
another annular plate which is externally adjacent to the one annular plate.

16. (Canceled)

17. (Currently Amended) ~~The~~ A method for operating a drive system as defined
~~in Claim 16, further comprising:~~ for a fuel cell, comprising:

generating reformat gas containing hydrogen by reforming a fuel gas with a reformer;

supplying the reformat gas to the fuel cell;

supplying a mixture of the fuel gas and air to the reformer from a gas supply device
provided upstream of the reformer when the system is in a normal running state;

generating a high temperature gas containing a fuel component for a reforming
reaction with the gas supply device; and

supplying the high temperature gas containing the fuel component for the reforming
reaction to the reformer continuously until warm-up of the system completes when the system
starts up.

wherein the drive system is configured to operate in accordance with the method and comprises:

a CO removal device which removes carbon monoxide in the reformat gas generated by the reformer; and

a bypass line which directly supplies the high temperature gas generated in the gas supply device to the CO removal device, wherein:

the high temperature gas generated in the gas supply device is also supplied to the CO removal device when the system starts up.

18. (Previously Presented) The drive system as defined in Claim 17, further comprising:

a second air supply mechanism which supplies air to the CO removal device, wherein:
the reformat gas generated by the reformer and air from the second air supply mechanism are supplied to the CO removal device when the system starts up.

19. (Previously Presented) The drive system as defined in Claim 17, wherein:
the high temperature gas generated in the gas supply device is supplied to the CO removal device until the temperature of a CO removal catalyst in the CO removal device reaches a predetermined temperature.

20. (Canceled)